

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

WIN-1640

Effective Date: September 1, 2012

Reevaluation Date: **April 2016**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Safepoint Series 42-19 Vinyl Casement Windows, Impact Resistant, manufactured by

Simonton Building Products, Inc.
One Cochrane Avenue
Pennsboro, WV 26415-9403
Telephone: (800) 426-2249

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|---|------------------------|
| 1 | Safepoint Series 42-19 Vinyl Casement Window; (X) | C-R50 36 x 62; AAMA 506 Missile Level C | ± 50 |
| 2 | Safepoint Series 42-19 Vinyl Twin Casement Window; (X.X) | C-R45 73 x 72; AAMA 506 Missile Level C | ± 45 |

Product Dimensions:

| System | Overall Size |
|--------|--------------|
| 1 | 36" x 62" |
| 2 | 73" x 72" |

Product Identification (Certification Agency Label on Window):

| System | | |
|--------|----------------------------------|--|
| 1 & 2 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | SIM-1 |
| | Product Name | Series 42-19 Casement |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA 506 |

Impact Resistance:

| Impact Resistant | Requirement |
|---------------------|---|
| Inland I Zone - Yes | These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I zone . The assemblies may be installed at any height on the structure located in the Inland I zone as long as the design pressure rating for the assemblies is not exceeded. |
| Seaward Zone - No | Impact protective system required when product is installed in areas where windborne debris protection is required |

Installation:

| System | | |
|--------|---------------------------|---|
| 1 | Type of Installation | New – Nailing Fin |
| | Wall Framing | Spruce-Pine-Fir |
| | Fasteners | Minimum No. 6 x 1 $\frac{1}{4}$ " long screws and No. 8 x 3" long screws |
| | Fastener Location/Spacing | No. 6 x 1 $\frac{1}{4}$ " long screws spaced 9" o.c. around the perimeter beginning at each corner and No. 8 x 3" long screws located through each tie bar guide on the jambs, a total of four (4). |
| | Fastener Penetration | Minimum of 1 $\frac{1}{2}$ inches into the wall framing members |

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.